

Date: Sun, 17 Apr 94 04:30:17 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #112
To: Ham-Equip

Ham-Equip Digest Sun, 17 Apr 94 Volume 94 : Issue 112

Today's Topics:

 Cushcraft R-7 ?? Any Good??
 help with HW-100 SSB (2 msgs)
 MFJ-9040
 PL on the ICOM 24
 Proper wire to connect a key?
 Rough and Dusty HF Mobile
 WANTED: FM Board for KENWOOD TS430S

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 17 Apr 1994 02:27:59 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!darwin.sura.net!
paladin.american.edu!constellation!osuunx.ucc.okstate.edu!olesun!
gcouger@network.ucsd.edu
Subject: Cushcraft R-7 ?? Any Good??
To: ham-equip@ucsd.edu

In article <2oar9e\$7tb@samba.oit.unc.edu>,
Kenneth Guthrie <Kenneth.Guthrie@launchpad.unc.edu> wrote:
>I recently bought a used Cushcraft R-7 vertical antenna and would like to
>get opinions on whether it is a good antenna or not. I would like to take
>my tri-band beam down and replace it the the R-7 if it is a good antenna.
>It still looks new. I would like to side mount it on my tower but the
>instruction pamphlet said not to mount near a tower, but was wondering if
>anyone had tried this?
>

IMHO it is a very good antenna but it won't replace a tri-band beam. I have mine up 10 feet on the eve of my house and it works very well. I understand that they work well at the top of a tower. Next to a tower I would expect problems. I took mine down and used it for feild day and it preformed very well at one point I was working 20 meter CW and the tri bander was work 20 phone and we did not interfere with each other.

I would put it up and see how it played.

Good luck
Gordon AB5DG

Gordon Cougar
Biosystems & Agricultural Engineering
Oklahoma State University
114 Ag Hall, Stillwater, OK 74074
gcouger@olesun.agen.okstate.edu 405-744-9763 day 624-2855 evenings
I do not speak for my employer

Date: 16 Apr 94 04:15:07 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!nntp.ucsb.edu!smrtstr!smartstar.com!
mikey@ucbvax.berkeley.edu
Subject: help with HW-100 SSB
To: ham-equip@ucsd.edu

Anybody have information on how to obtain an output transformer for the audio amplifier in Heathkit HW-100 SSB transceiver. I calculate that I need 8 K to 8 ohms tube to line. If I am wrong please correct me.

As far as I can tell, it is the only problem with the radio, which I have recently aquired "for the right price".

mike
mikey@smartstar.com

Date: Sat, 16 Apr 1994 16:56:17 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
tgm@network.ucsd.edu
Subject: help with HW-100 SSB
To: ham-equip@ucsd.edu

mikey@smartstar.com wrote:
: Anybody have information on how to obtain an output transformer for the

: audio amplifier in Heathkit HW-100 SSB transceiver. I calculate that I need
: 8 K to 8 ohms tube to line. If I am wrong please correct me.
: As far as I can tell, it is the only problem with the radio, which I have
: recently acquired "for the right price".

If you have trouble locating the proper transformer, try using a
small 6 volt filament power transformer (or half of a 12 volt
center tapped transformer). Connect the 6 volt side to the speaker
and the high voltage side to the tube.

You can usually find audio output transformers in old junk tube TV sets
too.

Thomas
KI4N

Date: 17 Apr 1994 00:22:43 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!usenet.ins.cwru.edu!news.ysu.edu!yfn.ysu.edu!
ak238@network.ucsd.edu
Subject: MFJ-9040
To: ham-equip@ucsd.edu

I am considering the purchase of the MFJ-9040 at Dayton. I would
appreciate your comments pro and con about the rig. Seems like
the very best radio for the money as far as I've seen.
Agree?

--
Keith M. Hamilton 73 de N08Z
ak238@yfn.ysu.edu
Youngstown, Ohio

Date: 16 Apr 1994 17:52:02 -0400
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.ans.net!
hp81.prod.aol.net!search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: PL on the ICOM 24
To: ham-equip@ucsd.edu

It has been a long time since I had the 24, but I know I had to purchase an
optional board for PL Encode and Decode. The 24 MAY come with PL encode built
in. Can't remember.

-- 73 --

Date: Sat, 16 Apr 94 10:54:07 -0500
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!noc.near.net!news.delphi.com!
usenet@network.ucsd.edu
Subject: Proper wire to connect a key?
To: ham-equip@ucsd.edu

hamilton on BIX <hamilton@BIX.com> writes:

>Okay, real dumb question. (Except that I'd feel even dumber if it turned
>out this isn't a dumb question and I should have asked! :-)
>
>I've just bought a Bencher iambic key. I was a bit surprised to see they
>didn't include any wire with it. Offhand, I assume any reasonable 3-
>conductor wire can be used, right? I'm guessing it's just low voltage

Doug --

This is an answer to a dumb question you didn't ask (and one that I should
have been smart enough to ask, but wasn't): When you're doing the wiring,
be aware that the custom is that the wiring is done so that you make the
"dits" with your thumb, and the "dahs" with your index finger (at least if
you send right-handed). In other words, the lever that sends the "dahs" is
the one on the right, and the one that sends the "dits" is on the left.

I wired mine backward, which presents no problem at all when I'm using my own
keyer, but it's absolutely impossible for me to use one that's wired the
normal way. As problems go, that's not a big one, but it is an irritant.
I know one other ham who did the same thing, and he has also been unable to
learn to send the "normal" way.

73 de Lee - KE3FB in Md.
leevankoten@delphi.com

Date: 15 Apr 94 01:20:27 GMT
From: ihnp4.ucsd.edu!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!tardis!
tymix.Tymnet.COM!niagara!flanagan@network.ucsd.edu
Subject: Rough and Dusty HF Mobile
To: ham-equip@ucsd.edu

We need to put together an HF mobile in an '86 4WD F-150 pickup with big
ugly tires and lots of gas tanks. The primary concern is cost, which is
limited to \$1,000 total.

The primary purpose of this installation will be in-motion and portable phone support of statewide Amateur public service missions. We will be operating in Nevada, so rough, desolate roads (even off-road), extremes of high and low temperatures and lots of dust are ever-present concerns.

Our current thinking is for an under-dash installation of a Kenwood TS-440S/AT. (We can't use the transmission hump because of the 4WD controls.) We are also considering either a Hustler or Outbacker antenna off the rear bumper.

Questions:

Are these good choices?

What should we expect to pay for a decent TS-440S/AT?

With a Hustler or Outbacker, would an AT option even be necessary?

What have we forgotten to consider?

Thanks. . . .

Dick

--

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Libelle Productions, Minden, NV, USA
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w6old@n6qmy.#nocal.ca.usa.na
dick@libelle.com
GEnie: FLANAGAN

Date: 15 Apr 94 17:52:17 GMT
From: agate!howland.reston.ans.net!darwin.sura.net!hearst.acc.Virginia.EDU!
saips.cv.nrao.edu!sadir.gb.nrao.edu!dgordon@ucbvax.berkeley.edu
Subject: WANTED: FM Board for KENWOOD TS430S
To: ham-equip@ucsd.edu

I am looking for an FM board module for the Kenwood TS430S. I can be contacted at the following:

internet: dgordon@nrao.edu

packet: KB4LCI @ WB4Q0J.VA.USA.NA

Thanks, David - KB4LCI

Date: 16 Apr 94 13:40:26 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!noc.near.net!news.delphi.com!
not-for-mail@ucbvax.berkeley.edu
To: ham-equip@ucsd.edu

References <tgMCo3DDo.D7B@netcom.com>, <2ocbrf\$tm@hp-col.col.hp.com>,
<tech.766167709@aupair.cs.athabascau.ca>
Subject : Re: *** AM TRANSMITTER HELP/ADVICE ***

tech@aupair.cs.athabascau.ca (Richard Loken) writes:

>bryanl@col.hp.com (Bryan Lord) writes:

>>I believe the Johnson Viking and Valiant are plate modulated. You
>>want to have plate modulation if you want the "really" good
>>sounding signal. Most of the more inexpensive rigs like the
>>Heath used screen grid modulation. While this works it doesn't
>>have that broadcast quality sound.

>The Heath DX100 and B are plate modulated and good for some 180W DC input,
>the DX60 is screen modulated and not renowned for its AM. The DX100 is one
>of the favourite AM boatanchors - right in there with Collins and Johnson.

>An earlier poster claimed that a minimum of 300W is required for AM (? DC
>input ? output ? carrier ?), I don't think so, not many AM rigs run that
>kind of power. Developing significant AM power requires a lot of copper and
>electricity, compact power applies to CW and SSB but not AM.

>--

> Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those
> Athabasca University : tuques we wear, our heads
> Athabasca, Alberta Canada : are naked!"
> ** tech@cs.athabascau.ca ** : - Aurthor Black
I am old and my mind is half gone, but I don't think the kind of modulation,
Plate vs Screen, directly effects the way AM sounds. That depends on the
quality of the audio preamps/amps/etc...
Plate modulation used to be preferred to screen modulation, way back when
I still had a mind, because it was more efficient, that is, you got more
power out of the same size final amplifier tube.

Brad W2EK

End of Ham-Equip Digest V94 #112
